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CONTENTS:

HISTORICAL ACCOUNT OF DEPARTMENT OF ENTOMOLOGY
(continued from SCIENCE BULLETIN VIII).
H. B. Hungerford.

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VOL. XIV.] OCTOBER, 1922. [No. 1.

Historical Account of Department of Entomology.

(Continued from SCIENCE BULLETIN VIII),

Brief résumé of the work of the Department of Entomology of the University of Kansas during the past quarter century.

BY H. B. HUNGERFORD.

ENTOMOLOGICAL work has been in progress at the University of Kansas since the foundation of the institution in 1866. The first faculty consisted of three men, one of whom was Dr. Francis Huntington Snow, professor of mathematics and natural science.

Doctor Snow, while widely interested in birds and flowers, gave early evidence of a special fondness for the study of insects. Through his efforts, and those of others who have followed him, there has been established what is perhaps the greatest general collection of insects to be found in connection with any state university in America.

In 1890 Doctor Snow became chancellor of the University, and Dr. Vernon L. Kellogg was appointed to the entomology work, first as assistant professor of entomology, and later as associate professor.

Doctor Kellogg was called to Stanford University in 1894, and for the year 1895 the entomological work was in charge of W. A. Snow, son of the chancellor.

In 1896 Prof. S. J. Hunter was appointed assistant professor of entomology and placed in charge of the department, and for the past quarter of a century he has directed his energies toward the development of a department that should rank among the strongest in the country. During this span of years the department has trained many students and grown remarkably in its material equipment, both through the greatly enriched entomological collections and its mechanical facilities for furthering research and advancing instruction in entomology.

The teaching staff has increased from one to five, and the student roll, from a few to more than 250. A total of 2,000 pages, under 276 titles, have been published by members of the department, and twenty-three scientific expeditions of the entomological museum have been made during the past twenty-five years. These accomplishments, together with the various economic state problems that have arisen from time to time, indicate an active and productive period in the history of the department.

In 1914, SCIENCE BULLETIN issued its second entomological number. This was dedicated to Doctor Snow, and in it may be found a chronological account of the activities of the department up to and including the year 1913. As a matter of record, additions are made below to the various sections as they have occurred since that year.

CHRONOLOGICAL REVIEW OF EVENTS SINCE 1913.

1913. Mr. George Collett appointed Fellow in Entomology.

F. X. Williams, who received his M. A. degree in this department in 1913, resigns to study for the doctorate at Harvard.

Professor Hunter, Assistant Professor Hungerford, Mr. George Vansell and Mr. George Collett conduct a biological survey in Wyoming, Utah and Montana with special reference to distribution and biology of grasshoppers of Kansas.

1914. P. W. Claassen becomes assistant state entomologist.

Raymond Beamer becomes assistant curator of museum.

Professor Hunter, Assistant Professor Hungerford, Raymond Beamer, Will Brown and Fred Poos collect along the Rio Grande in southwestern Colorado.

1915. Walter Wellhouse elected fellow in entomology.

Mr. Raymond Beamer, B. P. Young, Forrest Anderson and Walter Wellhouse make an entomological survey of the counties of southeastern Kansas.

B. P. Young takes charge of the insectary.

1916. Forrest Anderson elected fellow in entomology.

Professor Hunter takes a four months' leave of absence.

H. B. Hungerford appointed temporary chairman and acting state entomologist.

Hungerford, Lawson and Wellhouse go to Wellington, Kan., to investigate green-bug outbreak. The Federal Bureau, the Kansas Agricultural College and the University combine to study the green bug and methods of control. Lawson and Wellhouse represent the University for several weeks in this work.

Mr. Raymond Beamer, with Grutzmacher, Darby and Gardner, make an entomological survey of some southern Kansas counties.

H. B. Hungerford is granted a year's leave of absence to study for the doctorate at Cornell University.

P. W. Claassen takes Mr. Hungerford's place for the year.
P. B. Lawson becomes assistant instructor.

1917. H. B. Hungerford made associate professor of entomology.
P. B. Lawson made instructor in entomology.
Ruby Hosford takes charge of insectary.
Dr. C. P. Alexander becomes assistant curator of entomological museum.
Miss Eva Batchman appointed assistant instructor.
William Hoffmann elected fellow in entomology.
Doctor Alexander conducts a party, consisting of Harry Fackler, William Hoffmann and Scott Johnson, on an entomological survey of southwestern Kansas.
Canker-worm work in cities of eastern Kansas conducted by Professor Hunter.

1918. Entire University reorganized to handle S. A. T. C. Department of entomology teaches three sections of biology. Miss Weaverling takes charge of insectary.

1919. William Hoffmann is appointed assistant in charge of insectary.
P. B. Lawson granted degree of doctor of philosophy by Kansas University; major, insect taxonomy; first minor, insect morphology; second minor, systematic botany. Title major thesis, "Cicadellidæ of Kansas."
Miss Itasca Hilsman elected Fellow in Entomology.

1920. H. B. Hungerford made Professor of Entomology.
P. B. Lawson becomes Assistant Professor of Entomology.
Mr. William Hoffmann transferred from the insectary to assistant curator of museum.
Mr. Philip A. Readio is appointed instructor in entomology.
Miss Lucy Hackman becomes assistant instructor.
Miss Itasca Hilsman reappointed fellow in entomology.

1921. Mr. Lawson becomes associate professor of entomology.
W. J. Brown becomes student assistant in the museum.
W. J. Brown, Jean Linsdale and Robert Guentert continue the biological survey in northeastern Kansas.
P. B. Lawson and Raymond Beamer devote some time to the study of the destructive outbreak of pea aphis in first-crop alfalfa.

1922. Miss Kathleen Doering appointed fellow in entomology.
P. B. Lawson becomes professor of entomology and assistant dean of the College of Liberal Arts and Science.
Miss Kathleen Doering appointed scientific illustrator.
C. Howard Curran, of Orillia, Canada, appointed research fellow in entomology.
R. H. Beamer reappointed assistant curator of the entomological collections.

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(Continued from SCIENCE BULLETIN VIII.)

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No. Date. Title of paper.

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204. 1918—New Species of Tipuline Crane Flies from Eastern Asia (Tipulidæ, Diptera). Jour. N. Y. Ent. Soc. vol. XXVI, pp. 66-75.

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207. 1918—New Nearctic Crane Flies (Tipulidæ, Diptera), Part IV. Can. Ent., vol. L, pp. 60-71.

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CLAASSEN, P. W.

217. 1914—Grasshopper Control in the Southern Division of Kansas (with Professor Hunter). Jour. Ec. Ent., vol. VII, No. 1, pp. 73-81.

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220. 1922—Diptera in the Collection of Miss Frances Long (supplement to paper by Miss Frances Long on Plant Pollination in Insects). (In press.)

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223. 1922—Studies in *Cicadella hieroglyphica*. Science Bulletin, vol. XIV (this number); 5 plates.

HUNGERFORD, H. B.

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